

14/08/02
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PATENT

U.S. PATENT & TRADEMARK OFFICE
MAY 06 2002

Docket No.: 57042-037 (GBTI54US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Emmanuel KANTERAKIS, et al.

Serial No.: 09/273,450

Group Art Unit: 2631

Filed: March 22, 1999

Examiner: T. Bocure

For: RACH RAMP-UP ACKNOWLEDGEMENT (AMENDED)

RECEIVED

MAY 08 2002

Technology Center 2600

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In response to the re-mailed Office Action dated March 13, 2002, please amend the above-identified specification as follows.

In the Specification:

Page 1, delete lines 13-16, entirely.

Page 1, before line 17, insert the following new paragraph:

An objective is to provide random channel access with reliable high data throughput and low delay on CDMA systems.

The paragraph beginning on page 9, line 12 should read as follows:

The MS spread-spectrum transmitter includes a forward-error-correction (FEC encoder 422 coupled to an interleaver 423. A packet formatter 425 is coupled through a multiplexer 424 to the interleaver 423 and to the controller 419. A preamble generator 452 and a pilot generator 453 for the preamble are coupled to the multiplexer 451. A variable gain device 425 is coupled between the packet formatter 424 and a product device 426. A spreading-sequence generator 427 is coupled to the product device 426. A digital-to-analog converter 428 is coupled between the product device 428 and quadrature modulator 429. The quadrature modulator 429 is coupled to the local oscillator 413 and a transmitter RF section 430. The transmitter RF section 430 is coupled to the circulator 410.

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